

SECTION 02524
CURBS, GUTTERS AND WALKS

PART 1 - GENERAL

0.1 DESCRIPTION OF WORK

- A.** Work Included: This Section specifies the construction of Portland cement concrete curbs, gutters, and walks.
- B.** Related Work: The following items are not included in this Section and will be performed under the designated Sections:
 - 1. Section 02300 - EARTHWORK
 - 2. Section 03300 - CAST-IN-PLACE CONCRETE; for concrete, reinforcement, and incidentals pertaining thereto.

0.2 QUALITY ASSURANCE

- A.** Tolerances. Construct concrete surfaces within 1/4 inch of the indicated elevation, and deviating not more than 1/8 inch from a ten-foot straightedge placed anywhere on the surface.
- B.** Provide strict compliance with requirements for air entrainment and curing.

PART 2 - PRODUCTS

0.1 MATERIALS

- A.** Concrete: Section 03300 - CAST-IN-PLACE CONCRETE, 4,000 psi.
- B.** Preformed Joint Filler: AASHTO M153.
- C.** Hot-Poured Joint Sealer: AASHTO M173.
- D.** Gravel Borrow: Section 02300 - EARTHWORK.

PART 3 - EXECUTION

0.1 PREPARATION

- A.** Excavate for and prepare the subgrade as specified in Section 02300 - EARTHWORK, true to the indicated grade and cross section.
- B.** Place and compact a foundation of gravel borrow to the indicated thickness upon the prepared subgrade.
- C.** Test completed gravel foundation with a template supported on the side forms, prior to concreting.

0.2 JOINTS

- A.** Expansion Joints. Construct expansion joints at intervals as indicated but not exceeding 30 feet, and wherever new concrete abuts existing construction.
- B.** Contraction (Control) Joints. Using a grooving tool having a depth equal to at least 1/4 the sidewalk thickness, groove sidewalks in uniform intervals not exceeding six feet. Sidewalk Control Joints can also be saw cut after concrete has set overnight.

0.3 FINISHES

- A.** Pedestrian and Wheelchair Ramps: Non-slip finish.
- B.** All Other: Broom finish.

PART 4 - MEASUREMENT AND PAYMENT

0.1 MEASUREMENT

- A.** Tie bars and reinforcement will be measured by the pound as specified in Section 03300 - CAST-IN-PLACE CONCRETE.
- B.** Concrete curb, gutter, and combination curb and gutter complete in place will be measured by the linear foot of each type.
- C.** Sidewalks, including island paving, complete in place, will be measured by the square yard of each thickness.

0.2 PAYMENT

- A. Curbs, gutters, and walks will be paid at the Contract unit prices for quantities determined as specified above.

0.3 PAYMENT ITEMS

ITEM NO.	DESCRIPTION	UNIT
0262.000	CURBS AND GUTTERS	LF
0263.015	CONCRETE SIDEWALK	SY

END OF SECTION

NOTES TO THE DESIGNER

- A.** Any request to modify or waive the specification requirements listed below must be approved in writing by the MBTA's Director of Design:

1. None